

Radiation-Chemical Transformations of Iron Ions in
HClO₄ Solutions Saturated With Hydrogen and Oxygen
Under Pressure, by V. N. Shubin, F. I. Dolin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1380-1383.

CB

196,532

Sci
Sci

May 2 62

Devonian Deposits of the Chu-Ilysky Mountains and
Their Flora, by T. A. Rumyantseva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Earth Sciences
Section), Vol CXL, No 6, 1961, pp 1397-1399.

AGI

Sci
Aug 63

The Morphology of the Surface of the Crystalline Foundation of the Kuybyshev and Orenburg Regions, by F. F. Rybakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Earth Sciences Section), Vol CXL, No 6, 1961, pp 1400-1402.

AGI

Sci
Augs 63

The Vercian Horizon in the Southern Side of the
Moscow Syneclise and in the East of the Russian
Platform, by S. V. Semikhatova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Earth Sciences
Section), Vol CXL, No 6, 1961, pp 1403*.

AGI

Sci
Aug 63

The Problem of the Geochemical Facies in Mesozoic
Deposits of the East Fore-Caucasus, by
Ye. S. Larskaya, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, (Earth Sciences
Section, Vol CXL, No 6, 1961, pp 1419-1422.

AGI

Sci
Aug 63

Organic Matter in Sediment Solutions and Its
Distribution in the Layer of Marine and Oceanic
Deposits, by N. S. D. Starikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1423-1426.

AGU

Sci
Dec 62

Sympathetic Innervation and Hypothalamo-Hypophyseal
Neurosecretion, by M. S. Konstantinova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1431-1433.

AIRS

Sci

May 62

An Analysis of Injuries and Reparative Processes in
Rat Embryogenesis After X-Ray Exposure, by E. A.
Val'shtrem, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1434-1436.

AIP
Sov Phys - Dok
Vol VI, No 10

Sci

AJBS

Apr 62

Specific Accumulators of Individual Radioisotopes Among Freshwater Organisms, by E. A. Timofeyeva-Resovskaya, N. V. Timofeyev-Resovskiy, E. A. Gileva, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1437-1440.

AIP
Sov Phys - Dok
Vol VI, No 10

Sci

AIBS

Apr 62

Some Questions of Dissymmetry in Nature, by Yu. A.
Urmantsev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1441-1444.

AIP
Sov Phys - Dok
Vol VI, No 10

Sci

AIP

Apr 62

On the Question of the Presence of Phytol as a
Component of the Protochlorophyll of Etiolated

Component of the Protochlorophyll or isolated
Leaves, by T. N. Gavinev, V. I. Kaler, R. M. Rotfarb,
3 pp.

RUSSIAN, per, Dok Nauk SSSR, Vol CXL, No 6, 1961,
pp 1445-1447.

AIRS

Sci

189, 210

Mar 62

Mechanism of Certain Metabolic Functions of Insulin,

Properties of Pyruvate Dehydrogenase of Skeletal Muscle, by S. E. Sevariin, S. V. Shestakov, 4 pp.

RUSSIAN, per, Dok Akad SSSR, Vol CIL, No 6, 1961,
pp 1452-1455.

AIRS

Sci

Mar 62

189, 212

Variation of the Morphological Characters of Pollen
From Certain Species of Oak, by M. Kh. Monoszon,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6,
1961, pp 1456-1459.

AIRS

Sci

190,643

Mar 62

The Relationship Between the Electrical and Mechanical Manifestations of Cardiac Activity, by E. B. Babskiy, L. S. Ul'yaninskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1460-1462.

AIBS

Sci

May 62

The Action of the Cerebellum on Depression and Post-Tetanic Potentiation of a Two-Neurone Spinal Arc, by R. A. Grigor'yan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXL, No 6, 1961,
pp 1463-1466.

AIBS

Sci

May 62

The Effect of Cyancobalamine on the Regeneration of Bone
After Operative Extension of a Limb in Man, by V. D.
Dedova, T. I. Cherkasova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1467-1470.

AIDS

Sci

May 62

Sex Chromatin in Chick Embryo Liver, by V. Ya.
Azarova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol ~~XXXXXX~~ CXL,
No 6, 1961, pp 1471-1472.

AIBS

Sci

May 62

Morphology and Biology of the Miracidium of Post-hodiplostomum Cuticola (Nordmann, 1832) Dubois, 1936-Ca
Causative Agent of Black Spot in Fish, by V. L.
Vladimirov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,
pp 1473-1475.

AIBS

Sci

May 62

The Generalization of a Theorem of H. Eichler
From the Theory of Quaternary Quadratic Forms,
by A. N. ANDRIANOV, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 9-12.

Amer Math Soc

Sci

200, 825

Jun 62

New Criteria for the Paracompactness and
Metrizability of an Arbitrary T_1 -Space, by
A. Arhangel'skiy, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII,
1961, pp 13-15.

Amer Math Soc

Sci

Jun 62

200,826

A Representation of a Tensor Function, by
V. D. Bondar', 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXLI,
1961, pp 16-18.

Amer Math Soc

Sci

200, 827

Jun 62

Chebyshev Sets in Banach Spaces, by L. P. Vlasov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961,
pp 19-20.

Amer Math Soc

Sci

Jun 62

Singular Operators of Arbitrary Order on a
Manifold, by A. S. Dynin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 21-23.

Amer Math Soc

Sci

200, 828

Jun 62

Stability in the Case of a Neutral Linear
Approximation, by A. M. Molchanov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 24-27.

Amer Math Soc

Sci

200, 829

Jun 62

Divergent Fourier Series for Continuous
Functions, by A. M. Olevskiy, 5 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLI,
1961, pp 28-31.

Amer Math Soc

Sci

200, 83d

Jun 62

The Problem of the Conformal Sewing of Two
Semicircles, by D. B. Potyagailo, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 32-35.

Amer Math Soc

Sci

Jun 62

200, 831

Riemann's Boundary Value Problem for
Pairs of Functions With Measurable
Coefficients and Its Application to the
Study of Singular Integrals in L_p Spaces
with Weights, by I. B. Simonenko, 4 pp.
Simonenko,

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 36-39.

Amer Math Soc

Sci

200, 832

Jun 62

Estimation of a Mixed Derivative in $L_p(G)$,
by Yu. K. Solncev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII,
1961, pp 40-42.

Amer Math Soc

Sci

Jun 62

200,833

On the Exactness of Limit Sequences of the Inverse Spectrum of Exact Sequences of Discrete Groups, by N. T. Tynyanskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961,
pp 43-46.

Amer Math Soc

Sci

Jun 62

A Solution of Riemann's Boundary Value Problem for Automorphic Functions in the Case of Groups Characterized by Two X Invariants, by L. I. Chibrikova, 4 pp.

RUSSIAN, per, Dokl Ak Nauk SSSR, Vol CXLI,
1961, pp 47-50.

Amer Math Soc

Sci

200,834

Jun 62

On the Homotopy Theory of Fiber Spaces, by
A. S. Shvarec, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 51-54.

Amer Math Soc

Sci

Jun 62

200, 835

Interaction of Rotational Discontinuities, by V. V.
Gogosov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1, 1961,
pp 55-58.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,221

Energy Levels of Gd¹⁵⁶ and Gd¹⁵⁸, by L. V. Groshev,
A. M. Demidov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1, 1961,
pp 59-62.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,223

Effect of an External Electric Field on Luminescence
of Cuprous Oxide, by G. P. Peka, Yu. I. Karkhanin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 1, 1961,
pp 63-65.

KEN
AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

Neutrinos and Antineutrinos in Free Space, by V. M.
Kharitonov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 1, 1961,
pp 66-69.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

On a Possible Criterion for Superconductivity, by
I. M. Chapnik, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1, 1961,
pp 70-73.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,23⁴
224

Measurement of Deep-Level Currents in the Black
Sea by an Ultrasonic Buoy of Neutral Buoyancy,
by Yu. G. Ryzhkov, N. N. Karnaushenko.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, No 1,
1962, pp 74-76.

DSI Tr 789

Sci

SP 74-78 NAL M. 9115

Jan 63

219, 475

Rept No: Nauk/one Tr M. 9115 - [475/3]

Some New Derivatives of Imido Esters, by
A. E. Arbuzov, V. E. Shishkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1~~XII~~, 1961, pp 81-83.

CB

Sci - Chem
Aug 62

Detection of α-Glycol Groups in Thin-Layer Chromatography on Silica Gel, by L. D. Bergel'son, E. V. Dyatlovitskaya, et al, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 84-86.

CB

Sci - Chem
Aug62

On Two Conformations of Certain Transition Metal
Complexes, by I. B. Bersuker, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 87-89.

CB

Sci - Chem
Aug 62

<p>Dogadkin, B. A., Tarasova, Z. N. and others. REACTION OF SULFUR WITH RUBBER UNDER THE INFLUENCE OF γ-RADIATION. [1961] 4p. Order from ATS \$6.50 ATS-96P58R</p> <p>Trans. of Akad[emiya] Nauk SSSR. Doklady, 1961, v. 141, no. 1, p. 90-93.</p> <p>DESCRIPTORS: *Sulfur *Rubber. *Gamma rays, Nuclear reactions, Chemical reactions.</p> <p>(Nuclear Physics and Nuclear Chemistry, TT, v. 7, no. 9)</p>	<p>62-12667</p> <p>I. Dogadkin, B. A. II. Tarasova, Z. N. III. ATS-96P58R IV. Associated Technical Services, Inc. East Orange, N. J.</p> <p>ATS-RJ-3109</p> <p>Office of Technical Services</p>
---	---

AN INVESTIGATION OF THE SYSTEM Mn-Si IN THE
SILICON-RICH REGION, BY L. D. DUDKIN, E. S.
KUZNETSOVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI,
NO 1, 1961, PP 94-97.

CB

SCI

AUG

205,802

The Use of Ion-Exchange Chromatography in Radio-active Analysis of Trace Impurities in Silica,
by A. I. Kalinin, R. A. Kuznetsov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 98-100.

CB

Sci

Chem
Aug 62

A Study of the Interaction of Aqueous Potassium
Metaniobate With Oxalic Acid, by A. V. Lapitskiy,
L. G. Vlasov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1961, pp 101-103.

CB

Sci - Chem

Aug 62

Hydrogenation of Cerium-Magnesium Alloys,
by V. I. Mikheyeva, Z. K. Sterlyadkina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1961, pp 104-106.

CB

Sci - Chem

Aug 62

Oxidation of Diisopropylmercury, by G. A. Razuvayev,
G. G. Petukhov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1961, pp 107-109.

CB

Sci - Chem

Aug 62

SYNTHESIS AND SOME REACTIONS OF PYRIDYL-
ETHYNYLCARBINOLS, BY P. B. TERENT'EV, A. N.
KOST, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 1,
1961, PP 110-113.

CB

SCI

AUG 62

205,803

Double Oxides in the System Uranium-Tungsten-Oxygen, by V. K. Trunov, L. M. Kovba, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1961, pp 114-116.

CB
OTS 63-15485

Sci - Chem

Aug 62

A COMPARATIVE STUDY OF THE KINETICS OF THE
CONVERSION OF VARIOUS HYDROCARBONS TO
ACETYLENE IN AN ELECTRICAL DISCHARGE IN A
STATIC SYSTEM, BY A. B. TSENTSIPER, E. N.
EREMIN, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO L,
1961, PP 117-120.

CB

OTR 62-60643

SCI

AUG 62

205,804

APPLICATION OF THE TAFT EQUATION TO HYDRIDE TRANSFER
IN AN ACID MEDIUM, BY S. G. ENTELIS, G. V.
EPPEL, 4 FP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO L,
L961, PP 121-124.

CB

205,805

SCI

A_U

PYROLYSIS AND PHOTOLYSIS OF POLYFLUORONITROSO-ALKANES. THE REACTION OF NITROSO COMPOUNDS WITH NITRIC OXIDE, BY A. YA. YAKUBOVICH, S. P. MAKAROV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOLCXL1, NO L,
L961, PP 125-128.

CB

205,806

2

OTS 62-14996

S

Detection of Oxygen Atoms in a Rarefied Flame
of Carbon Monoxide With Oxygen When Small Amounts
of Hydrogen Are Added, by V. V. Azatyan,
D. A. Akopyan, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 129, 130.

CB

Sci - Phys, Chem
Aug 62

THE MECHANISM OF CHAIN INITIATION WHEN CYCLOHEXANOL
IS OXIDIZED, BY E. K T DENISOV, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO L,
1968L, PP L31-134.

CB

SCI - PHYS CHEM

SEP 62

209,618

DIFFERENT RATES OF FILTRATION OF ANIONS AND CATIONS
THROUGH FINE-PORED FILTERS, BY V. A. ZHARIKOV.
T. N. DYUZHIKOVA, E. M. MAKSAKOVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO L,
1961, PP 135-138.

CB

SCI - PHYS CHEM

SEP 62

209,4619

The Emission of Positive Molecular Ions From
Heated Surfaces in a Vacuum, by
E. Ya. Zandberg, N. I. Ionov, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 139-142. 9676757

FID-TI-62-297

OB

Sci - Phys

28 May 62

198,259

KINETICS OF THE DECOMPOSITION OF ALKALI METAL
AMALGAMS IN ALKALINE SOLUTIONS OF ELECTROLYTES,
BY V. N. KORSHUNOV, Z. A. IOFA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 1,
1961, PP 143-146.

CB

SCI - PHYS CHEM

SEP 62

209,621

THE INFLUENCE OF THE STRUCTURE OF THE DOUBLE
LAYER ON THE POLAROGRAPHIC SURFACE OF CATALYTIC
WAVES OF HYDROGEN, BY S. G. MAIRANOVSKIY, L. D.
KLYUKINAI~~X~~, 4 PP.

RUSSIAN, PER, DOK. AK NAUK SSSR, VOL CXLI, NO 1,
1961, PP 147-150.

CB

SCI - PHYS CHEM
SEP 62

209,622

THE RATE OF PROPAGATION OF THE FRONT OF AN
EXOTHERMIC REACTION IN A CONDENSED PHASE, BY
B. V. NOVOZHILOV, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 1,
1961, PP 151-153.

CB

SCI - PHYS CHEM

209,623

SEP 62

A Study of the Thermodynamic Properties of Platinum-Lead Alloys, by P. P. Otopkov, Ya. I. Gerasimov,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 154-156.

CB

Sci - Phys, Chem

Aug 62

STUDY OF THE SECONDARY STRUCTURES FORMED IN CAPRON
FIBRES, BY K. KH. RAZIKOV, G. S. MARKOVA, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 1,
1961, PP 157-160.

CB

SCI - PHYS CHEM

209,624

SEP 62

ISOTOPE EFFECT IN THE RADIOLYSIS OF POLYETHYLENE,
BY V. E. SKURAT, 3 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO L,
1961, PP 161-164.

CB

SCI - PHYS CHEM

209,625

SEP62

Metastable Solutions of Calcium Silicates,
by Chou P'ing-i, O. I. Lukjanova,
2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 165-167.

Sci - Phys, Chem
Aug 62

CB
ITS 63-16980

THE VIBRATION SPECTRA OF CERTAIN ALKYL- AND ~~XXXXXX~~
ALKYLALKENYL STANNANES (SNLV) . BY N. A.
CHUMAYEVSKIY, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLI, NO 1,
1961, PP 168-171.

CB

SCI - PHYS CHEM

209,626

SEP 62

Primary Production of Plankton in One of the Bays
of the Barents Sea, by M. I. Royhijaynen, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, № 1
No 1, 1961, pp 205-207.

AGU

Sci
Dec 262

The Daily Periodicity of Mitotic Division of Cells in the
Corneal Epithelium and Renal Cortex of White Rats, by
V. N. Dobrokhotov, A. G. Kurdyumova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1962, pp 208-211.

AIBS

Sci - Biol Sci

Sep 62

The Problem of the Sensory Innervation of the Dog's Tongue, by T. A. Nazarova-Andreyeva, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1962, pp 212-214.

AIBS

Sci - Biol Sci

Sep 62

Reaction of Blood-Sucking Gnats (Simuliidae) to
Ultraviolet Light, by S. G. Grebel'skiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 1,
1962, pp 215-218.

AIBS

Sci - Biol Sci

Sep 62

Effect of Ultrasound on Alkaloids, by I. E. Yel'piner,
L. I. Stekol'nikov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXI, No 1, 1961,
pp 219-222.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

AIBS

May 62

193,229

Participation of Folic Acid and Vitamin B₁₂
in Purine Synthesis in Escherichia Coli
113-3 Cells, by N. A. Andreyeva, L. S. Kutseva,
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
No 1, 1961, pp 223-226.

AIBS

Sci

200, 815

Jun 62

Reproduction in Vitro of the Action of Insulin on
Liver Hexokinase Activity, by V. S. Il'in, G. V.
Titova, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1, 1961,
pp 227-229.

AIBS

Sci

Jun 62

Different Sensitivity to the Action of Propyl Gallate of Proliferating and Nonproliferating Tissues, by A. E. Kalmanson, L. P. Lipchina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1, 1961,
pp 230-232.

AIBS

Sci

Jun 62

Formation of Carnosine in Frog Liver and Muscle, by
A. N. Parshin, T. A. Goryukhina, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1, 1961,
pp 233-235.

AIBS

Sci

Jun 62

The Question of Endemicity Among the Parasites of
Fish in Lake Baikal, by V. E. Zaika, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1962, pp 236-239.

AIBS

Sci - Biol Sci

Sep 62

On the Ecological-Morphological Characteristics of the
Alimentary Tract of the Reindeer and the Elk, by
T. B. Seolina, 3 pp.

RUSSIAN, perz, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1962, pp 240-243.

AIBS

211, 565

Sci - Biol Sci

Sep 62

Changes in the Cortical Electrical Activity and
Respiration Induced by Venom of the Cobra (*Naja Tripudiana*
var *coeca* Gmel), by I. A. V l'tseva, 2 pp.

RUSSIAN, PER, dok Ak Nauk SSSR, Vol CXLI, No 1,
1962, pp 244-247.

AIBS

Sci - Biol Sci

Sep 62

The Inheritance of the Response of the Canine
Central Nervous System to Caffeine, by I. I.
Isayeva, V. K. Krasuskiy, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1962, pp 248-251.

AMERICAN
UNIVERSITY LIBRARIES

Sci - Biol Sci

Sep 62

Regenerative Ability of Ctenophores, by B. P. Tokin, 3
3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 1,
1962, pp 252-255.

AIBS

211, 582

801 - Biol Sci

Sep 62

A Continuous Analogue of Orthogonal Polynomials
on a System of Intervals, by N. I. Ahiezer,
4 pp.

RUSSIAN, per, Dok Akad SSSR, Vol CXLII,
1961, pp 263-266.

Amer Math Soc

Sci

200,836

Jun 62

Convergence of the Residual of the Bubnov-Galerkin and Ritz Methods, by ~~SG~~
O. K. Bogolyuban, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 267-269.

Amer Math Soc

Sci

Jun 62

200, 837

The Morozov-Borel Theorem for E Real Lie Groups, by E. B. Vinberg, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 265-269x 270-273.

Amer Math Soc

Sci

Jun 62

200, 838

The Problem of Best Chebyshev Approximation
in a Complex Region With Supplementary Condi-
tions on the Coefficients of the Approximating
Polynomial, by E. G. Gol'stein, 3 pp.

RUSSIAN, per, ~~Bek Ak Nauk SSSR~~, Vol CMLI,
1961, pp 274-276.

Amer Math Soc

Sci

200,839

Jun 62

On the Computation of Eigenvalues and
Eigenvectors of Matrices, by D. F. Davidenko,
4 pp.

RUSSIAN, per, Dok Akad SSSR, Vol. CXLI,
1961, pp 277-285.

Amer Math Soc

Sci

200, 840

Jun 62

Unitary Pairs of Operators and Their Analytic
Characterization in the Space $L_2(a, b)$, by
H. M. Dzhrbashyan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 281-284.

Amer Math Soc

Sci

200, 841

Jun 62

Multidimensional Elliptic Boundary Problems With
a Single Unknown Function, by A. S. Dynin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXII, No 2,
1961, pp 285-287.

Heavy Tr 3129/AFL T-283

Sci - Phys

Jun 62

199, 434

Non-negative Eigenfunctions of the Laplace-Beltrami Operator and Brownian Motion in Certain Symmetric Spaces, by E. B. Dynkin, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961,
pp 288-291.

Amer Math Soc

Sci

Jun 52

Calculation of the Index of an Isolated
Stationary Point of a Completely Continuous
Vector Field, by P. P. Zebreiko,
M. A. Krasnosel'skiy, 5 pp.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol CXLV,
1961, pp 292-295.

Amer Math Soc

Sci

Jun 62

200, 842

On Estimation of the Spectrum of a Stationary
Gaussian Process, by I. A. Ibragimov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 296-299.

Amer Math Soc

S01

200, 843

Jun 62

A Generalization of the Notion of Basis and
of Bari's Theorems on Bases, by G. M. Kesel'man,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLII, 1961,
pp 300-303.

Amer Math Soc

Sci

Jun 62

200, 844

Best Uniform Approximation of Differentiable Functions, by N. P. Korneiuk, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 304-307.

Amer Math Soc

Sci

200, 845

Jun 62

On Semyon Sobolev's Imbedding Theorems for
Abstract Functions, by V. B. Korotkov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 308-311.

Amer Math Soc

Sci

200, 846

Jun 62

An Example of a Dimensionally Deficient
Compactum, by V. Kuz'minov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL,
1961, pp 312-315.

Amer Math Soc

Sci

200, 847

Jun 62

Classification of Bounded Homogeneous Domains
in n-dimensional Complex Space, by
I. I. Pyateckiy-Shapiro, 4 pp.
K

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 316-319.

Amer Math Soc

Sci

200, 848

Jun 62

Some Sylow-Type Theorems, by S. A. Rusakov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, 1961,
pp 320-321.

Amer Math Soc

Sci

Jun 62

~~Soviet Journal of Mathematics~~
A Geometrical Description of All Possible
Representations of a Riemannian Metric in
Levi-Civita Form, by A. S. Solodownikov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI,
1961, pp 322-325.

Amer Math Soc

Sci

200,849

Jun 62

(SF-18878)

TWENTY-SECOND
THE ~~FIFTH~~ CONGRESS OF THE COMMUNIST PARTY
OF THE SOVIET UNION AND THE PROBLEMS OF
SCIENCE, 5 PP.

RUSSIAN, PER, DOKLADY AD NAUK SSSR,
VOL ~~XXX~~ CXLI, NO 2, LL NOV 1961, pp. I - IV.

JPRS L3788

SCI - MISC

MAY 62

194,863

On a Certain Boundary-Value Problem for Laplace's
Equation, by A. F. Khrustalev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2,
1961, pp 327-329.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

On the Steady Flow of a Conducting Liquid in a
Rectangular Tube With Two Conducting and Two Non-
conducting Walls Placed in an External Magnetic Field,
by C. A. Grinberg, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961,
pp 330-333.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

F7D-77-62 - 89F
(967677F)

May 62

193,225

On the Friction Law for Elastic Surface Contact, by
G. M. Bartenev, V. V. Lavrent'yev, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961,
pp 334-337.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

Ferroelectric Single Crystals With Large Nonlinearity.
by A. L. Khodakov, M. L. Sholokhovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961,
pp 338-341.

AIP
Sov Phys - Dok
Vol VI, No 11

Sci

May 62

193,219

A Study of the Structure of Some Complexes of Copper Acetate and Chloroacetates by Electron Paramagnetic Resonance, by A. V. Ablov, Yu. V. Yablokov, 2 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXLI, No 2, 1961, pp 343-345.

CB

Sci - Chem
Aug 62